

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: April 6, 2005, 06:32:56 ; Search time 28 Seconds
(without alignments)
434.564 Million cell updates/sec

Title: US-10-616-410-2
Perfect score: 163
Sequence: 1 MADEEKLPPGWKMRSSG.....GEMSGPVFTDSGIHILRTE 163

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 513545 seqs, 74649064 residues

Word size : 0
Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents AA:*
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3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
1	163	100.0	163	2	US-09-066-074-2
2	163	100.0	163	2	US-08-555-912A-2
3	163	100.0	163	3	US-09-208-804-4
4	163	100.0	163	3	US-08-801-743-4
5	163	100.0	163	4	US-09-275-900-2
6	163	100.0	168	4	US-09-949-016-8592
7	39	23.9	39	2	US-09-066-074-8
8	39	23.9	39	2	US-08-555-912A-8
9	39	23.9	39	4	US-09-252-404A-33
10	39	23.9	39	4	US-09-275-900-8
11	21	12.9	31	4	US-09-252-404A-1
12	8	4.9	38	3	US-08-630-916A-32
13	8	4.9	38	3	US-08-630-916A-35
14	8	4.9	38	3	US-08-630-916A-36
15	8	4.9	404	4	US-08-952-899-4
16	8	4.9	443	2	US-08-935-450-6
17	8	4.9	443	4	US-08-952-899-2
18	8	4.9	443	4	US-09-338-123-6
19	8	4.9	474	4	US-09-774-639-371
20	8	4.9	683	3	US-08-630-916A-46
21	8	4.9	752	4	US-09-919-039-235
22	8	4.9	852	2	US-09-070-060-3
23	8	4.9	852	3	US-09-357-746-3
24	8	4.9	854	2	US-09-070-060-4
25	8	4.9	854	3	US-09-357-746-4
26	8	4.9	859	4	US-09-107-532A-6829
27	8	4.9	906	3	US-08-630-916A-48
					Sequence 2, Appli
					Sequence 2, Appli
					Sequence 4, Appli
					Sequence 4, Appli
					Sequence 2, Appli
					Sequence 8, Appli
					Sequence 8, Appli
					Sequence 33, Appli
					Sequence 1, Appli
					Sequence 32, Appli
					Sequence 35, Appli
					Sequence 36, Appli
					Sequence 4, Appli
					Sequence 6, Appli
					Sequence 2, Appli
					Sequence 6, Appli
					Sequence 371, App
					Sequence 46, Appli
					Sequence 235, App
					Sequence 3, Appli
					Sequence 3, Appli
					Sequence 4, Appli
					Sequence 6829, Ap
					Sequence 48, Appli

28	7	4.3	67	4	US-09-902-540-12697	Sequence 12697, A
29	7	4.3	102	4	US-09-252-991A-27990	Sequence 27990, A
30	7	4.3	130	4	US-09-252-991A-25996	Sequence 25996, A
31	7	4.3	141	4	US-09-198-452A-337	Sequence 337, App
32	7	4.3	141	4	US-09-438-185A-320	Sequence 320, App
33	7	4.3	227	4	US-09-335-224B-6	Sequence 6, Appli
34	7	4.3	258	4	US-09-589-927-4	Sequence 4, Appli
35	7	4.3	258	4	US-09-277-665-4	Sequence 4, Appli
36	7	4.3	258	4	US-09-589-987-4	Sequence 4, Appli
37	7	4.3	260	4	US-09-589-927-12	Sequence 12, Appli
38	7	4.3	260	4	US-09-277-665-12	Sequence 12, Appli
39	7	4.3	260	4	US-09-589-987-12	Sequence 12, Appli
40	7	4.3	287	3	US-09-247-155-171	Sequence 171, App
41	7	4.3	302	4	US-09-489-039A-7606	Sequence 7606, Ap
42	7	4.3	313	4	US-09-465-901-48	Sequence 48, Appli
43	7	4.3	383	2	US-08-698-407-3	Sequence 3, Appli
44	7	4.3	383	3	US-09-195-855-3	Sequence 3, Appli
45	7	4.3	383	3	US-09-089-879-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-09-066-074-2
; Sequence 2, Application US/09066074
; Patent No. 5952467
; GENERAL INFORMATION:
; APPLICANT: Hunter et al., Tony
; TITLE OF INVENTION: NIMA INTERACTING PROTEINS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/066,074
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/555,912
; FILING DATE: 13-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07251/011001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 163 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-066-074-2

Exhibit A

Query Match 100.0%; Score 163; DB 2; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.4e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MADEEKLPPGWKMRSSGRVYFNHITNASQWERPSGNSSGGKNGQGPVRCSHL	60
DB	1	MADEEKLPPGWKMRSSGRVYFNHITNASQWERPSGNSSGGKNGQGPVRCSHL	60

QY 61 LVKHSQSRPPSSWRQEKITRTKBEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
| | | | |
Db 61 LVKHSQSRPPSSWRQEKITRTKBEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
| | | | |
QY 121 DLGAFSRGQMQKPFEDASPALRTGEMSGPVFTDSCIHIILRTE 163
| | | | |
Db 121 DLGAFSRGQMQKPFEDASPALRTGEMSGPVFTDSCIHIILRTE 163
| | | | |

RESULT 2

US-08-555-912A-2
; Sequence 2, Application US/08555912A
; Patent No. 5972697
; GENERAL INFORMATION:
; APPLICANT: Hunter et al., Tony
; TITLE OF INVENTION: NIMA INTERACTING PROTEINS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/555,912A
; FILING DATE: 13-NOV-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07251/011001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 163 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-555-912A-2

Query Match 100.0%; Score 163; DB 2; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.4e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MADEEKLPPGWEKMRSSGRVYFNHITNASQWERPSGNSGGKNGQGEPARVRCSHL 60
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Db 1 MADEEKLPPGWEKMRSSGRVYFNHITNASQWERPSGNSGGKNGQGEPARVRCSHL 60
| | | | |
QY 61 LVKHSQSRPPSSWRQEKITRTKBEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
| | | | |
Db 61 LVKHSQSRPPSSWRQEKITRTKBEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
| | | | |
QY 121 DLGAFSRGQMQKPFEDASPALRTGEMSGPVFTDSCIHIILRTE 163
| | | | |
Db 121 DLGAFSRGQMQKPFEDASPALRTGEMSGPVFTDSCIHIILRTE 163
| | | | |

RESULT 3

US-09-208-804-4
; Sequence 4, Application US/09208804
; Patent No. 6030826
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN PARVULIN-LIKE PROTEIN
; NUMBER OF SEQUENCES: 4

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/208,804
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/801,743
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0217 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 163 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1332710
US-09-208-804-4

Query Match 100.0%; Score 163; DB 3; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.4e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MADEEKLPPGWEKMRSSGRVYFNHITNASQWERPSGNSGGKNGQGEPARVRCSHL 60
| | | | |
QY 61 LVKHSQSRPPSSWRQEKITRTKBEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
| | | | |
Db 61 LVKHSQSRPPSSWRQEKITRTKBEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
| | | | |
QY 121 DLGAFSRGQMQKPFEDASPALRTGEMSGPVFTDSCIHIILRTE 163
| | | | |
Db 121 DLGAFSRGQMQKPFEDASPALRTGEMSGPVFTDSCIHIILRTE 163
| | | | |

RESULT 4

US-08-801-743-4
; Sequence 4, Application US/08801743
; Patent No. 6037164
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN PARVULIN-LIKE PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/801,743
FILING DATE: Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0217 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 163 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 1332710
US-08-801-743-4

Query Match 100.0%; Score 163; DB 3; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.4e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
Db 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
QY 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
Db 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
QY 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163
Db 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163

Query Match 100.0%; Score 163; DB 3; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.4e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
Db 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
QY 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
Db 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
QY 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163
Db 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163

RESULT 5
US-09-275-900-2
Sequence 2, Application US/09275900
Patent No. 6596848
GENERAL INFORMATION:
APPLICANT: Hunter et al., Tony
TITLE OF INVENTION: NIMA INTERACTING PROTEINS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/275,900
FILING DATE: 24-Mar-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/555,912
FILING DATE: 13-NOV-1995
ATTORNEY/AGENT INFORMATION:

NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07251/011001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 163 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-275-900-2

Query Match 100.0%; Score 163; DB 4; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.4e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
Db 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
QY 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
Db 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
QY 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163
Db 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163

RESULT 6
US-09-949-016-8592
Sequence 8592, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8592
LENGTH: 168
TYPE: PRT
ORGANISM: Human
US-09-949-016-8592

Query Match 100.0%; Score 163; DB 4; Length 168;
Best Local Similarity 100.0%; Pred. No. 1.5e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
Db 6 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 65
QY 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
Db 66 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 125
QY 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163
Db 126 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 168

Query Match 100.0%; Score 163; DB 3; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.4e-157;
Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
Db 1 MADEEKLPPGWEKMRSSGRVYFNFHITNASQWERPSGSGGKNGQGEPARVRCSHL 60
QY 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
Db 61 LVKHSQSRPPSSWRQEKITRTKEALELINGYIQIKSGEEDFESLASQFSDCSSAKARG 120
QY 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163
Db 121 DLGAFSRGQMOKPFEDASFALRTGEMSGPVFTDSDGIHILRTE 163

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RESULT 7
US-09-066-074-8
; Sequence 8, Application US/09066074
; Patent No. 5952467
; GENERAL INFORMATION:
; APPLICANT: Hunter et al., Tony
; TITLE OF INVENTION: NIMA INTERACTING PROTEINS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/066,074
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/555,912
; FILING DATE: 13-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07251/011001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: PIN1/HUMAN
;
US-09-066-074-8
Query Match 23.9%; Score 39; DB 2; Length 39;
Best Local Similarity 100.0%; Pred. No. 3e-32;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 EKLPPGWKRMSSGRVYFNFHITNASQWERPSGNSSS 43
Db 1 EKLPPGWKRMSSGRVYFNFHITNASQWERPSGNSSS 39

RESULT 8
US-08-555-912A-8
; Sequence 8, Application US/08555912A
; Patent No. 5972697
; GENERAL INFORMATION:
; APPLICANT: Hunter et al., Tony
; TITLE OF INVENTION: NIMA INTERACTING PROTEINS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/555,912A
; FILING DATE: 13-NOV-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07251/011001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: PIN1/HUMAN
;
US-08-555-912A-8
Query Match 23.9%; Score 39; DB 2; Length 39;
Best Local Similarity 100.0%; Pred. No. 3e-32;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 EKLPPGWKRMSSGRVYFNFHITNASQWERPSGNSSS 43
Db 1 EKLPPGWKRMSSGRVYFNFHITNASQWERPSGNSSS 39

RESULT 9
US-09-252-404A-33
; Sequence 33, Application US/09252404A
; Patent No. 6495376
; GENERAL INFORMATION:
; APPLICANT: Kun Ping Lu
; APPLICANT: Xiao Zhen Zhou
; TITLE OF INVENTION: Methods and Compositions for Regulating
; TITLE OF INVENTION: Protein-Protein Interactions
; FILE REFERENCE: 1440.1034-000
; CURRENT APPLICATION NUMBER: US/09/252,404A
; CURRENT FILING DATE: 1999-02-18
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 39
; TYPE: PRT
; ORGANISM: Homo sapien
;
US-09-252-404A-33
Query Match 23.9%; Score 39; DB 4; Length 39;
Best Local Similarity 100.0%; Pred. No. 3e-32;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 EKLPPGWKRMSSGRVYFNFHITNASQWERPSGNSSS 43
Db 1 EKLPPGWKRMSSGRVYFNFHITNASQWERPSGNSSS 39

RESULT 10
US-09-275-900-8
; Sequence 8, Application US/09275900
; Patent No. 6596848
; GENERAL INFORMATION:
; APPLICANT: Hunter et al., Tony
; TITLE OF INVENTION: NIMA INTERACTING PROTEINS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
```


CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/275,900
FILING DATE: 24-Mar-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/555,912
FILING DATE: 13-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION/DOCKET NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07251/011001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
IMMEDIATE SOURCE:
CLONE: PIN1/HUMAN
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-275-900-8

Query Match 23.9%; Score 39; DB 4; Length 39;
Best Local Similarity 100.0%; Pred. No. 3e-32;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 EKLPPGWKMRSSGRVYFNFHITNASQWERPSGNSS 43
|||||
Db 1 EKLPPGWKMRSSGRVYFNFHITNASQWERPSGNSS 39

RESULT 11
US-09-252-404A-1
; Sequence 1, Application US/09252404A
; Patent No. 6495376
; GENERAL INFORMATION:
; APPLICANT: Kun Ping Lu
; APPLICANT: Xiao Zhen Zhou
; TITLE OF INVENTION: Methods and Compositions for Regulating
; TITLE OF INVENTION: Protein-Protein Interactions
; FILE REFERENCE: 1440.1034-000
; CURRENT APPLICATION NUMBER: US/09/252,404A
; CURRENT FILING DATE: 1999-02-18
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-252-404A-1

Query Match 12.9%; Score 21; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 4.6e-14;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 LPPGWKMRSSGRVYFNFH 27
|||||
Db 1 LPPGWKMRSSGRVYFNFH 21

RESULT 12
US-08-630-916A-32
; Sequence 32, Application US/08630916A
; Patent No. 6011137
; GENERAL INFORMATION:
; APPLICANT: Pirozzi, Gregorio
; APPLICANT: Kay, Brian K.
; APPLICANT: Fowlkes, Dana M.
; TITLE OF INVENTION: IDENTIFICATION AND ISOLATION OF NOVEL
; TITLE OF INVENTION: POLYPEPTIDES HAVING WW DOMAINS AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,916A
; FILING DATE: 03-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MISROCK, S. LESLIE
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 1101-203
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 896-8864/9741
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-630-916A-32

Query Match 4.9%; Score 8; DB 3; Length 38;
Best Local Similarity 100.0%; Pred. No. 0.87;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 LPPGWKMR 14
|||||
Db 3 LPPGWKMR 10

RESULT 13
US-08-630-916A-35
; Sequence 35, Application US/08630916A
; Patent No. 6011137
; GENERAL INFORMATION:
; APPLICANT: Pirozzi, Gregorio
; APPLICANT: Kay, Brian K.
; APPLICANT: Fowlkes, Dana M.
; TITLE OF INVENTION: IDENTIFICATION AND ISOLATION OF NOVEL
; TITLE OF INVENTION: POLYPEPTIDES HAVING WW DOMAINS AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/630,916A
 FILING DATE: 03-APR-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MISROCK, S. LESLIE
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 1101-203
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 896-8864/9741
 INFORMATION FOR SEQ ID NO: 35:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 38 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 US-08-630-916A-35

Query Match 4.9%; Score 8; DB 3; Length 38;
 Best Local Similarity 100.0%; Pred.No. 0.87;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 LPPGWKR 14
 |||||
 Db 3 LPPGWKR 10

RESULT 14
 US-08-630-916A-36
 Sequence 36, Application US/08630916A
 Patent No. 6011137
 GENERAL INFORMATION:
 APPLICANT: Pirozzi, Gregorio
 APPLICANT: Kay, Brian K.
 APPLICANT: Fowlkes, Dana M.
 TITLE OF INVENTION: IDENTIFICATION AND ISOLATION OF NOVEL
 TITLE OF INVENTION: POLYPEPTIDES HAVING WW DOMAINS AND METHODS OF USING SAME
 NUMBER OF SEQUENCES: 124
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: United States
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/630,916A
 FILING DATE: 03-APR-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MISROCK, S. LESLIE
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 1101-203
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 896-8864/9741
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 38 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 US-08-630-916A-36

Query Match 4.9%; Score 8; DB 3; Length 38;
 Best Local Similarity 100.0%; Pred.No. 0.87;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 7 LPPGWKR 14
 |||||
 Db 3 LPPGWKR 10
 RESULT 15
 US-08-952-899-4
 Sequence 4, Application US/08952899
 Patent No. 6544948
 GENERAL INFORMATION:
 APPLICANT: SCHWEIGHOFFER, Fabien
 APPLICANT: TOCQUE, Bruno
 TITLE OF INVENTION: DELTA P62, VARIANTS THEREOF, NUCLEIC
 TITLE OF INVENTION: ACID SEQUENCES AND USES THEREOF
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Rhone-Poulenc Rorer Inc.
 STREET: 500 Arcola Road, Mailstop 3C43
 CITY: Collegeville
 STATE: PA
 COUNTRY: USA
 ZIP: 19426
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/952,899
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: FR 95/06533
 FILING DATE: 01-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/FR96/00802
 FILING DATE: 29-MAY-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Savitzky Esq., Martin F.
 REGISTRATION NUMBER: 29,699
 REFERENCE/DOCKET NUMBER: ST95035-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (610) 454-3816
 TELEFAX: (610) 454-3808
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 404 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-952-899-4

Query Match 4.9%; Score 8; DB 4; Length 404;
 Best Local Similarity 100.0%; Pred.No. 7.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 RMSRSSGR 21
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 Db 10 RMSRSSGR 17

Search completed: April 6, 2005, 06:38:33
 Job time : 29 secs